

Attorney's Docket No. 5543P006
Confirmation No.: 1349

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

J. J. Garcia-Luna-Aceves

Application No.: 09/844,856

Filed: April 26, 2001

For: SYSTEM AND METHOD FOR USING
NETWORK LAYER UNIFORM
RESOURCE LOCATOR ROUTING TO
LOCATE THE CLOSEST SERVER
CARRYING SPECIFIC CONTENT

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Examiner: Chankong, Dohm

Art Unit: 2152

CERTIFICATE OF ELECTRONIC FILING
I hereby certify that this correspondence is
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Patent and Trademark Office via electronic
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10/16/2007

Date of Deposit

Judy L. Steinkraus

Name of Person Filing Correspondence

Signature

Date

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications). Additionally, applicants submit herewith a courtesy copy of the Supplemental Amendment with transmittals that includes the Disclosure Statement with Information Disclosure Citation Form PTO-1449 or PTO/SB/08 as filed on July 24, 2007. A copy of the post card with the stamp indicating that this Supplemental Amendment was received at the US PTO on July 30, 2007, is submitted herewith for the Examiner's reference.

It is respectfully requested that the cited documents be considered and that the enclosed copies of Information Disclosure Citation Form PTO-1449 or

PTO/SB/08 be initialed by the Examiner to indicate such consideration and copies thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):


- X 37 C.F.R. §1.97(b).
- 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:
- A statement pursuant to 37 C.F.R. §1.97(e) or
- A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).
- 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:
- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 10/16/2007



Tatiana Rossin
Reg. No. 56,833

1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
(408) 720-8300

Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/844,856
Filing Date	04/26/2001
First Named Inventor:	J.J. Garcia-Luna-Aceves, et al.
Art Unit	2152
Examiner Name	Chankong, Dohm
Attorney Docket Number	5543P006

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		US-	6,175,869 B1	1/16/2001	Ahuja et al.	
		US-	6,574,663 B1	6/3/2003	Bakshi et al.	
		US-	6,917,985 B2	7/12/2005	Madrua et al.	
		US-	7,020,083 B2	3/28/2006	Garcia-Luna-Aceves et al.	
		US-	7,200,111 B2	4/3/2007	Garcia-Luna-Aceves et al.	
		US-				
		US-				
		US-				
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		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³	Number ¹ Kind Code ⁵ (if known)				

Examiner
Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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AUG 02 2007

LJV (SV)

BLAKELY, SOKOLOFF TAYLOR & ZAFMAN LLP
LOS ANGELES

Application No.: 09/844,856

Filing/Issue Date: April 26, 2001

Docket No.: 5543P006

Date Mailed: 07-24-2007

Due Date(s):

Atty/Sec: LJV TVR den

Client: Adara Networks

Title: System And Method For Using Network Layer Uniform Resource Locator Routing To Locate The Closest Server Carrying Specific Content

First Named Inventor: J. J. Garcia-Luna-Aceves

The following has been received in the U.S.P.T.O. on the date stamped hereon:

Transmittal Letters & Certificate of Mailing

- ☒ Transmittal Letter
- ☒ Fee Transmittal (original & copy)
- ☐ RCE (Request for Continued Examination)
- ☐ Issue Fee Transmittal (original & copy)
- ☒ Certificate of Mailing
- ☐ Express Mail No.

Missing Parts, Formal Papers

- ☐ Response to Notice of Missing Parts
- ☐ Assignment & Cover sheet (____ pgs.)
- ☐ Declaration & POA (____ pgs.)

Amendment / Response

- ☒ Amendment/Response Supplemental (4 pgs.)
- ☐ Examiner Interview Summary (____ pgs.)
- ☒ Other: Copy of required reference cited (1)

Petitions & Appeals

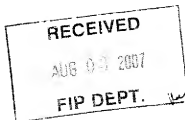
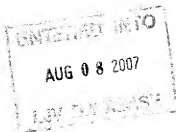
- ☐ Petition for Extension of Time:
- ☐ Notice of Appeal
- ☐ Appeal Brief (____ pgs. each)
- ☐ Reply Brief (____ pgs.)

Other

- ☒ Information Disclosure Statement & PTO/IB08 (3 pgs.) (previously 1449)
- ☐ Drawings: _____ sheets, _____ figures
- ☐ Terminal Disclaimer
- ☐ Postcard

Checks

- ☒ Check No. 11631 Amount \$180.00
- ☐ Check No. _____ Amount \$_____



Application No.: 09/844,856

Filing/Issue Date: April 26, 2001

Docket No.: 5543P006

Date Mailed: **07-24-2007**

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Atty/Sec: LJV TVR den

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First Named Inventor: J. J. Garcia-Luna-Aceves

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- ☐ Issue Fee Transmittal (original & copy)
- ☒ Certificate of Mailing
- ☐ Express Mail No.:

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- ☐ Assignment & Cover sheet (____ pgs.)
- ☐ Declaration & POA (____ pgs.)

Amendment / Response

- ☒ Amendment/Response Supplemental (4 ____ pgs.)
 - ☐ Examiner Interview Summary (____ pgs.)
- ☒ Other: Copy of required reference cited (1)

Petitions & Appeals

- ☐ Petition for Extension of Time:
- ☐ Notice of Appeal
- ☐ Appeal Brief (____ pgs. each)
- ☐ Reply Brief (____ pgs.)

Other

- ☒ Information Disclosure Statement & PTO/SB/08 (3 ____ pgs.) (previously 1449)
- ☐ Drawings: ____ sheets, ____ figures
- ☐ Terminal Disclaimer
- ☒ Postcard

Checks

- ☒ Check No. 11631 Amount \$180.00
- ☐ Check No. ____ Amount \$ ____

AMENDMENT TRANSMITTAL**PATENT**

Application No.: 09/844,856
Filing Date: April 26, 2001
First Named Inventor: J. J. Garcia-Luna-Aceves
Examiner's Name: Chankong, Dohm
Art Unit: 2152
Attorney Docket No.: 5543P006

- ☐ An Amendment After Final Action (37 CFR 1.116) is attached and applicant(s) request expedited action.
☒ Charge any fee not covered by any check submitted to Deposit Account No. 02-2666.
☒ Applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 CFR 1.16 and 1.17, for any concurrent or future reply to Deposit Account No. 02-2666.
☐ Applicant(s) claim small entity status (37 CFR 1.27).

ATTACHMENTS

- ☐ Preliminary Amendment
☒ Supplemental Amendment
☐ Amendment/Response After Final Action (37 CFR 1.116) (reminder: consider filing a Notice of Appeal)
☐ Notice of Appeal
☐ RCE (Request for Continued Examination)
☐ Supplemental Declaration
☐ Terminal Disclaimer (reminder: if executed by an attorney, the attorney must be property of record)
☒ Information Disclosure Statement (IDS)
☒ Copies of IDS citations
☐ Petition for Extension of Time
☒ Fee Transmittal Document (that includes a fee calculation based on the type and number of claims)
☐ Cross-Reference to Related Application(s)
☐ Certified Copy of Priority Document
☐ Other: _____
☐ Other: _____
☒ Check(s) \$180.00 (fee for IDS)
☒ Postcard (Return Receipt)

SUBMITTED BY:

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

TYPED OR PRINTED NAME: Tatiana RossinSIGNATURE: REG. NO.: 56,833DATE: July 24, 2007ADDRESS: 1279 Oakmead ParkwaySunnyvale, California 94085-4040TELEPHONE NO.: (408) 720-8300**CERTIFICATE OF MAILING BY FIRST CLASS MAIL (if applicable)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 24, 2007

Date of Deposit

Dianne Neathery

Name of Person Mailing Correspondence

July 24, 2007

Date

Express Mail Label No. (if applicable): _____

FEE TRANSMITTAL FOR FY 2007

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known:

Application No. 09/844,856
 Filing Date April 26, 2001
 First Named Inventor J. J. Garcia-Luna-Aceves
 Examiner Name Chankong, Dohm
 Art Unit 2152
 Attorney Docket No. 5543P006

Applicant claims small entity status. See 37 CFR 1.27.

METHOD OF PAYMENT (check all that apply)
☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify)
☐ Deposit AccountDeposit Account Number : 02-2666

Deposit Account Name: _____

☒ The Director is Authorized to do the following with respect to the above-identified Deposit Account:☐ Charge fee(s) indicated below.☒ Charge any additional fee(s) or underpayment of fee(s) during the pendency of this application.☐ Charge fee(s) indicated below except for the filing fee☒ Credit any overpayments.☒ Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

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 Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Large Entity		Small Entity		Fee Description		Fees Paid (\$)
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
1011	300	2011	150	Utility application filing fee	1,000/500	\$ _____
1111	500	2111	250	Utility search fee		\$ _____
1311	200	2311	100	Utility examination fee		\$ _____
1012	200	2012	100	Design application filing fee	430/215	_____
1112	100	2112	50	Design search fee		_____
1312	130	2312	65	Design examination fee		_____
1013	200	2013	100	Plant filing fee	660/330	_____
1113	300	2113	150	Plant search fee		_____
1313	160	2313	80	Plant examination fee		_____
1004	300	2004	150	Reissue filing fee	1,400/700	_____
1114	500	2114	250	Reissue search fee		_____
1314	600	2314	300	Reissue examination fee		_____
1005	200	2005	100	Provisional application filing fee		_____
SUBTOTAL (1) \$ <u>0.00</u>						

2. EXCESS CLAIM FEES

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fees Paid (\$)</u>
Total Claims _____ - 20 or HP = <u>0</u>		X \$50.00 = _____	
HP = highest number of total claims paid for, if greater than 20			
Independent Claims _____ - 3 or HP = <u>0</u>		X \$200.00 = _____	
HP = highest number of independent claims paid for, if greater than 3			
Multiple Dependent Claims _____		_____ = _____	

<u>Large Entity</u>		<u>Small Entity</u>		
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	<u>Fee Description</u>
1202	50	2202	25	Each claim over 20
1201	200	2201	100	Each independent claim over 3
1203	360	2203	180	Multiple dependent claims, if not paid
1204	200	2204	100	Reissue: each claim over 20 and more than in the original patent
1205	50	2205	25	Reissue: each independent claim more than in the original patent

SUBTOTAL (2) \$ 0.00**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each add'l 50 or fraction thereof</u>	<u>Fee from below</u>	<u>Fees paid (\$)</u>
_____	- 100 = _____	/ 50 = _____ (round up to whole number)	X \$250.00	_____

<u>Large Entity</u>		<u>Small Entity</u>		
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	<u>Fee Description:</u>
1081	250	2081	125	Utility
1082	250	2082	125	Design
1083	250	2083	125	Plant
1084	250	2084	125	Reissue

SUBTOTAL (3) \$ 0.00

FEE CALCULATION (continued)**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Large Entity		Small Entity		Fee Description	
Code	Fee (\$)	Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1813	8,800	1813	8,800	Request for inter partes reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1503	1100	2503	550	Plant issue fee	
1462	400	1462	400	Petitions to the Commissioner (CFR 1.17(f) Group I)	
1463	200	1463	200	Petitions to the Commissioner (CFR 1.17(g) Group II)	
1464	130	1464	130	Petitions to the Commissioner (CFR 1.17(h) Group III)	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	For filing a submission after final rejection (see 37 CFR 1.129(a))	
1814	130	2814	65	Statutory Disclaimer	
1810	790	2810	395	For each additional invention to be examined (see 37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	
1505	300	1505	300	Publication fee for republication	
1803	130	1803	130	Request for voluntary publication or republication	
1808	130	1808	130	Processing fee under 37 CFR 1.17(f) (except provisionals)	
1454	1,370	1454	1,370	Acceptance of unintentionally delayed claim for priority	

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (4) \$ 180.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:Typed or Printed Name: Tatiana RossinSignature: Date: July 24, 2007Reg. Number: 56,833Telephone Number: 408-720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

FEE TRANSMITTAL FOR FY 2007

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known:

Application No. 09/844,856
 Filing Date April 26, 2001
 First Named Inventor J. J. Garcia-Luna-Aceves
 Examiner Name Chankong, Dohm
 Art Unit 2152
 Attorney Docket No. 5543P006

Applicant claims small entity status. See 37 CFR 1.27.

METHOD OF PAYMENT (check all that apply)
☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify)

Deposit Account

Deposit Account Number : 02-2666

Deposit Account Name:

☒ The Director is Authorized to do the following with respect to the above-identified Deposit Account:

Charge fee(s) indicated below.

☒ Charge any additional fee(s) or underpayment of fee(s) during the pendency of this application.

☒ Charge fee(s) indicated below except for the filing fee

☒ Credit any overpayments.

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Large Entity		Small Entity		Fee Description		Fees Paid (\$)
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1011	300	2011	150	Utility application filing fee	1,000/500	\$
1111	500	2111	250	Utility search fee		\$
1311	200	2311	100	Utility examination fee		\$
1012	200	2012	100	Design application filing fee	430/215	
1112	100	2112	50	Design search fee		
1312	130	2312	65	Design examination fee		
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1114	500	2114	250	Reissue search fee		
1314	600	2314	300	Reissue examination fee		
1005	200	2005	100	Provisional application filing fee		
SUBTOTAL (1)						\$ 0.00

2. EXCESS CLAIM FEES

		<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fees Paid (\$)</u>
Total Claims	_____ - 20 or HP =	<u>0</u>	X <u>\$50.00</u>	= _____
HP = highest number of total claims paid for, if greater than 20				
Independent Claims	_____ - 3 or HP =	<u>0</u>	X <u>\$200.00</u>	= _____
HP = highest number of independent claims paid for, if greater than 3				
Multiple Dependent Claims				= _____

<u>Large Entity</u>		<u>Small Entity</u>		
<u>Fee</u>	<u>Fee</u>	<u>Fee</u>	<u>Fee</u>	
<u>Code</u>	<u>(\$)</u>	<u>Code</u>	<u>(\$)</u>	<u>Fee Description</u>
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<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each add'l 50 or fraction thereof</u>	<u>Fee from below</u>	<u>Fees paid (\$)</u>
_____	- 100 = _____	/ 50 = _____ (round up to whole number)	X <u>\$250.00</u>	= _____

<u>Large Entity</u>		<u>Small Entity</u>		
<u>Fee</u>	<u>Fee</u>	<u>Fee</u>	<u>Fee</u>	
<u>Code</u>	<u>(\$)</u>	<u>Code</u>	<u>(\$)</u>	<u>Fee Description</u>
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1084	250	2084	125	Reissue

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FEE CALCULATION (continued)**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

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1502	800	2502	400	Design issue fee	
1503	1100	2503	550	Plant issue fee	
1462	400	1462	400	Petitions to the Commissioner (CFR 1.17(f) Group I)	
1463	200	1463	200	Petitions to the Commissioner (CFR 1.17(g) Group II)	
1464	130	1464	130	Petitions to the Commissioner (CFR 1.17(h) Group III)	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1808	180	1808	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	For filing a submission after final rejection (see 37 CFR 1.129(a))	
1814	130	2814	65	Statutory Disclaimer	
1810	790	2810	395	For each additional invention to be examined (see 37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	
1505	300	1505	300	Publication fee for republication	
1803	130	1803	130	Request for voluntary publication or republication	
1808	130	1808	130	Processing fee under 37 CFR 1.17(l) (except provisionals)	
1454	1,370	1454	1,370	Acceptance of unintentionally delayed claim for priority	

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (4) \$ 180.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:Typed or Printed Name: Tatiana Rossin

Signature: _____

Date: July 24, 2007Reg. Number: 56,833Telephone Number: 408-720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Attorney Docket No. 5543P006
Confirmation No. 1349

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

J.J. Garcia-Luna-Aceves, et al.

Application No.: 09/844,856

Filed: April 26, 2001

For: SYSTEM AND METHOD FOR USING
NETWORK LAYER UNIFORM
RESOURCE LOCATOR ROUTING TO
LOCATE THE CLOSEST SERVER
CARRYING SPECIFIC CONTENT

) Examiner: Changkong, Dohm
)

) Art Unit: 2152
)

CERTIFICATE OF FIRST-CLASS MAILING

I hereby certify that this correspondence is being deposited with United States Postal Service as first class mail with sufficient postage in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 24, 2007
(Date of Deposit)

By: Dianne Neathery 7/24/07
Dianne Neathery

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL AMENDMENT

Sir:

Please enter the following amendment as a supplement amendment filed July 2, 2007.

IN THE SPECIFICATION

Please replace paragraph [0002] with the following paragraph:

This application is also a Continuation-in-Part of U.S. Patent Application 09/810,148, entitled "System and Method for Discovering Information Objects and Information Object Repositories in Computer Networks", filed March 15, 2001-, now U.S. Patent No. 7,162,539 B2, issued January 9, 2007.

Please replace lines 1-5 of paragraph [0035] with the following paragraph:

Furthermore, Rodriguez, Biersack, and Ross (P. Rodriguez, E.W. Biersack, and K.W. Ross, "~~Improving The Latency in The Web: Caching or Multicast?~~", ~~Proc. Third WWW Caching workshop, Manchester, UK, June 1998.~~) "Improving the WWW: Caching or Multicast?", Institut EURECOM 2229, Route Computer Networks and ISDN Systems, pp. 1-17 (March 30, 1998) have shown that multicasting Web documents is an attractive alternative to hierarchical Web caching only when the documents to be pushed are very popular, caching distribution incurs less latency.

Please replace paragraph [0062] with the following paragraph:

To reduce communication and processing overhead in Web routers, a topology of Web routers is defined, such that a given Web router has as its neighbor Web routers a subset of all the Web routers in the system (where the term system refers to all or a portion of the virtual network for Web routers discussed above). A Web router may thus be configured with its set of neighbor Web routers. Such a configuration may be a table of neighbor Web routers which is defined by a network service provider and/or is dynamically updated. In another embodiment of the present invention, a Web router dynamically selects the set of neighbor Web routers with which it should communicate out of all of the Web routers in the system. A Web router preferably communicates with its neighbor Web routers only and uses the Web Information Locator by Distance (WILD) protocol for this purpose. The WILD protocol is disclosed in co-pending and

commonly-owned U.S. Provisional Application No.60/200,401, filed April 28, 2000, ~~now from~~
which U.S. Patent Application 09/810,148, filed March 15, 2001 (now U.S. Patent No. 7,162,539
B2, issued January 9, 2007) claims priority.

Please replace paragraph [0063] with the following paragraph:

In one embodiment of the present invention, WILD runs on top of the Transmission Control Protocol (TCP) in much the same way as the Border Gateway Protocol (BGP) does. In this embodiment, a TCP connection exists between a Web router and each of its neighbor Web routers. In another embodiment of the present invention, WILD can run on top of the TCP Santa Cruz protocol [C. Parsa and J.J. Garcia-Luna-Aceves, "TCP-Santa Cruz: Improving TCP Performance over Networks with Heterogeneous Transmission Media", Proc. IEEE ICNP 99], which is disclosed in commonly-owned U.S. Provisional Application No. ~~60/190,332~~60/190,331, filed on March 16, 2000, ~~now from which~~ U.S. Patent Application No. 09/810,148, filed March 15, 2001 (now U.S. Patent No. 7,162,539 B2, issued January 9, 2007) claims priority. Other embodiments of the present invention may be based on alternative protocols for the provision of reliable transmissions between Web routers.

REMARKS

Reconsideration of the application as amended is respectfully requested.

Applicants have amended paragraphs [0002] to insert the issued patent number.

Applicants have amended paragraph [0035] to correct a citation error.

Applicants have amended paragraph [0062] to correct a filing date, and insert the issued patent number.

In this Amendment, applicants have amended paragraph [0063] to correct the incorrect provisional patent application number and to supply the issued patent number.

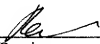
It is respectfully submitted that the amendments do not add new matter.

If there are any charges not covered by any check submitted, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: July 24, 2007



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Attorney's Docket No. 5543P006
Confirmation No.: 1349

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

J. J. Garcia-Luna-Aceves

Application No.: 09/844,856

Filed: April 26, 2001

For: SYSTEM AND METHOD FOR USING
NETWORK LAYER UNIFORM
RESOURCE LOCATOR ROUTING TO
LOCATE THE CLOSEST SERVER
CARRYING SPECIFIC CONTENT

Examiner: Chankong, Dohm

Art Unit: 2152

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications). It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 24, 2007

(Date of Deposit)

Dianne Neathery

(Typed or printed name of person mailing correspondence)

Dianne Neathery

(Signature of person mailing correspondence)

7/24/07

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

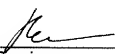
- _____ 37 C.F.R. §1.97(b).
- X 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:
- _____ A statement pursuant to 37 C.F.R. §1.97(e) or
- X A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).
- _____ 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:
- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
 - (2) A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: July 24, 2007



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Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/844,856
Filing Date	April 26, 2001
First Named Inventor:	J. J. Garcia-Luna-Aceves
Art Unit	2152
Examiner Name	Chankong, Dohm
Attorney Docket Number	5543P006

Sheet	1	of	1
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		US-				
		US-				
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		US-				
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FOREIGN PATENT DOCUMENTS

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		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		J. J. GARCIA-LUNA-ACEVES, "The Core-Assisted Mesh Protocol", IEEE Journal on Selected Areas in Communications, Vol. 17, No. 9, August 1999, pp. 1380-1394.	

Examiner Signature	Date Considered
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

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